Title (en)

DE-EMPHASIS CIRCUIT FOR A VOLTAGE MODE DRIVER USED TO COMMUNICATE VIA A DIFFERENTIAL COMMUNICATION LINK

Title (de)

DE-EMPHASESCHALTUNG FÜR EINEN IN SPANNUNGSMODUS ARBEITENDEN TREIBER ZUR KOMMUNIKATION MITTELS EINER DIFFERENTIELLEN KOMMUNIKATIONSVERBINDUNG

Title (fr)

CIRCUIT DE DÉSACCENTUATION POUR UN PILOTE EN MODE TENSION UTILISÉ POUR COMMUNIQUER VIA UNE LIAISON DE COMMUNICATION DIFFÉRENTIELLE

Publication

EP 2232800 B1 20170315 (EN)

Application

EP 08866328 A 20081223

Priority

- US 2008088169 W 20081223
- US 1730807 P 20071228
- US 3274108 A 20080218

Abstract (en)

[origin: US2009168854A1] A circuit for de-emphasizing information transmitted via a differential communication link includes a voltage mode differential circuit and a bi-directional current source circuit. The voltage mode differential circuit includes a first and second output terminal. The voltage mode differential circuit provides a first voltage via the first output terminal and second voltage via the second output terminal in response to a differential input voltage. The bi-directional current source circuit is operatively coupled between the first and second terminals. The bi-directional current source circuit selectively provides current in a first and second direction between the first and second terminals based on the first and second voltage.

IPC 8 full level

H03K 19/00 (2006.01); **H04L 1/08** (2006.01); **H04L 25/02** (2006.01)

CPC (source: EP US)

H03K 19/0019 (2013.01 - EP US); **H04L 1/08** (2013.01 - EP US); **H04L 25/0272** (2013.01 - EP US); **H04L 25/0286** (2013.01 - EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 3274108 A 20080218; CN 200880127096 A 20081223; EP 08866328 A 20081223; JP 2010540866 A 20081223; KR 20107016747 A 20081223; US 2008088169 W 20081223